Satellite P105-S6187 Detailed Product Specification[1]

Model Name	Description	Part Number	UPC
P105-S6187	Genuine Windows Vista™ Home Premium, Intel® Core™2 Duo Processor T5200, 2048MB DDR2 SDRAM, 120GB HDD (5400RPM), 17" WXGA+ TruBrite™, DVD SuperMulti Double Layer, 802.11 a/b/g	PSPAAU-01L00S	032017779396

Operating System[2,,C1]

- Genuine Windows Vista™ Home Premium
  - 32-bit version

Processor and Chipset[3]

Intel® Centrino® Duo Mobile Technology featuring:

- Intel® Core™ 2 Duo Processor T5200[4]
  - 1.60GHz, 2MB L2, 533MHz FSB with 64-bit[C1]
- Mobile Intel® 945GM Express Chipset
- Integrated Wi-Fi® compliant wireless LAN
  - Intel® PRO/Wireless 3945ABG (802.11a/b/g)

Memory[5]

- Configured with 2048MB PC4200 DDR2 SDRAM (both memory slots may be occupied)
- 1024MB (Min)/4096MB (Max), with 1024MB or 2048MB PC4200 DDR2 memory modules.

Hard Disk Drive[6]

- 120GB (5400 RPM) Serial-ATA (SATA) hard disk drive; 12.5mm height

Fixed Optical Disk Drive[7]

- DVD SuperMulti (+/-R double layer) drive supporting 11 formats
  - Maximum speed and compatibility: CD-ROM (24x), CD-R (24x), CD-RW (10x), DVD-ROM (8x), DVD-R (Single Layer, (8x)), DVD-R (Double Layer, (2x)), DVD-RW (4x), DVD+R (Single Layer, (8x)), DVD+R (Double Layer, (2.4x)), DVD+RW (4x), DVD-RAM (5x)

Display[8]

- 17.0" diagonal widescreen TruBrite™ TFT active-matrix LCD display at 1440x900 native resolution (WXGA+)

Graphics[9]

- Intel® Graphics Media Accelerator 950 with 8MB-196MB dynamically allocated shared graphics memory

Sound

- Built-in harman/kardon® stereo speakers
- Windows Sound System
- Sound Volume Control Dial

Input Devices

- Keyboard
  - 103 key US with 10-key
  - Hot Key Functions (Fn)
  - Windows Key Function
  - Application Key Function
- TouchPad™ pointing device
- TouchPad™ Enable/Disable
- Control Buttons:
  - Internet button to launch default browser
  - CD/DVD control buttons (Skip to Previous/Next Track, Play, Stop)

Communications

- Toshiba V.92 software modem[10]
- Intel® PRO/100 Network Connection - 10/100 Base-TX Ethernet
- Integrated Wireless-LAN:[11]
  - Intel® PRO/Wireless Network Connection 3945ABG (802.11a/b/g)

Expandability

- 2 main memory slots. Both slots may be occupied.
- One PCMCIA – Type II/Type I Card Slot
- ExpressCard™ slot supporting ExpressCard/34 and ExpressCard/54
- 5-in-1 Bridge Media Adapter
  - Secure Digital, Memory Stick™, Memory Stick PRO™, Multi Media Card, xD Picture Card [shared slots]

Ports

- Video
  - RGB (monitor) output port
  - S-Video output port
- Audio
  - Microphone input port
  - Headphone output port
- Data
  - i.LINK(tm) IEEE-1394
  - USB v2.0 – 4 ports
  - RJ-45 LAN port
  - RJ-11 modem port

Physical Description for this Product Series

- Dimensions (WxDxH Front/H Rear): 15.5" (394.0mm) x 10.8" (275.0mm) x 1.41" (35.9mm)[F]/1.65" (41.9mm)[R] without feet
- Weight: Starting at 7.1 lbs (3.2 kg) depending upon configuration[12]
- Chassis Description
  - Case material: PC-ABS
  - LCD Cover Color: Onyx Blue Metallic
- Physical Security
  - Slot for cable lock;
  - Items protected by a screw: Memory, Main HDD, Built-in Modem/LAN
  - Fingerprint reader
- Software Security
  - Passwords: User power-on password, supervisor password
  - Hotkey locks: Screen Blank

Power Supply

- 75W (15V x 5A) Auto sensing external AC Adapter, 100-240V / 50-60Hz frequency (Universal) input.
- Dimensions (WxDxH): 5.00" (127.0mm) x 2.00" (51.0mm) x 1.20" (30.5mm)
- Weight: starting at 0.79 lbs (360 g)

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Battery[13]

- 6-cell (4000mAh) rechargeable, removable Lithium Ion (Li-Ion) battery pack
- Dimensions (WxDxH): 8.11" (206.0mm) x 2.99" (76.0mm) x 0.79" (20.0mm)
- Weight: starting at 0.74 lbs (337 g)
- Recharge Time
  - Main Battery Off/On – approximately 4.0 to 12.0 hrs

Software[14] C1

- Toshiba Software and Utilities
  - TOSHIBA Value Added Package
  - Electronic User's Guide
  - Bluetooth Stack for Windows by Toshiba
  - TOSHIBA ConfigFree®
  - TOSHIBA Assist
  - TOSHIBA Disc Creator
  - TOSHIBA Extended Tiles for Windows Mobility Center
  - TOSHIBA Recovery Disc Creator
  - TOSHIBA Speech System
- Third-party Software
  - TOSHIBA Game Console
  - Microsoft Office OneNote® 2007
  - Microsoft Works Version 8.5
  - Sun® Java™ 2 Runtime Environment
  - Adobe® Acrobat® Reader
  - Ulead Movie Factory
  - InterVideo® WinDVD® 8 SD
  - Microsoft® Windows Media Player version 11
  - Google™ Desktop
  - Google Toolbar
  - Yahoo! Music™ Jukebox
  - Protector Suite™ QL by UPEK®[32]
- Trial Software
  - Microsoft Office Trial Home and Student 2007 Edition (60-day trial)
  - McAfee® Internet Security Suite (30-day trial)
- Special Offers
  - Microsoft Office Live
  - Microsoft Money Essentials

Environmental Specifications

	Operating	Non-operating
Temperature[15]	5° to 35° C (41° to 95° F)	-20° to 65° C (-4° to 149° F)
Thermal Gradient	15° C per hour (max)	20° C per hour (max)
Relative Humidity (non-condensing)	20% to 80%	10% to 95%
Altitude (relative to sea level)	0 to 3,000 meters	-60 to 10,000 meters
Shock	10G	60G
Vibration	0.5G	1.0G

- This product is RoHS[16] compatible

SATELLITE – 1 YEAR STANDARD LIMITED WARRANTY[17]

Service Upgrades and Extensions

Toshiba offers many different enhanced services such as SystemGuard®, On-Site Repair, and ServiceExpress to provide additional support to your notebook PC. For a full description and complete list of programs and program terms and conditions, please visit www.pcsupport.toshiba.com.

Recommended Services

Extended Service Plan

Provides an extended service plan for up to 4 total years from the original notebook purchase date.

Part Number	Description
WSN-PEQQ2V	2nd Year Extended Service Plan
WSN-PEQQ3V	2nd/3rd Year Extended Service Plan
WSN-PEQQ4V	2nd/3rd/4th Year Extended Service Plan

SystemGuard Accidental Damage Service w/ ServiceExpress[18]

Provides advanced protection from damage caused from handling. Select your express repair service with either Depot Express or Carry-In Express and go to the front of the line. Extended Service Plan included except with 1 Year plan. SystemGuard coverage must be purchased within the first 30 days of notebook purchase.

Part Number	Description
WSN-PSGP1V	1st Year
WSN-PEGP2V	1st/2nd Year + Extended Service Plan
WSN-PEGP3V	1st/2nd/3rd Year + Extended Service Plan

SystemGuard Accidental Damage Service + On-Site Repair[19]

Combines SystemGuard and Business On-Site Repair coverage. Extended Service Plan included except with 1 Year plan. SystemGuard coverage must be purchased within the first 30 days of notebook purchase.

Part Number	Description
WSN-PSGN1V	1st Year
WSN-PEGN2V	1st/2nd Year + Extended Service Plan
WSN-PEGN3V	1st/2nd/3rd Year + Extended Service Plan

ServiceExpress

Select your express repair service with either Depot Express or Carry-In Express. Depot Express: Your notebook will be repaired and returned via overnight shipment (excluding weekends and holidays). Carry-In Express: Take your notebook into a Premier ASP and go to the front of the line for expedited repair service. Extended Service Plan included except with 1 Year plan.

Part Number	Description
WSN-PSQP1V	1st Year
WSN-PEQP2V	1st/2nd Year + Extended Service Plan
WSN-PEQP3V	1st/2nd/3rd Year + Extended Service Plan

On-Site Repair Service

On-site service will be provided at the customer's home or business location (excluding weekends and holidays) to perform the necessary hardware repairs. Extended Service Plan included except with 1 Year plan.

Part Number	Description
WSN-PSQN1V	1st Year
WSN-PEQN2V	1st/2nd Year + Extended Service Plan
WSN-PEQN3V	1st/2nd/3rd Year + Extended Service Plan

Accessories

www.accessories.toshiba.com

Memory

Part Number	Description
PA3411U-2M1G	Toshiba 1GB DDR2-533 Memory Module, RoHS

Expansion

Part Number	Description
PA3541U-2PRP	Toshiba dynadock USB Port Replicator (with VGA support)
PA3542U-2PRP	Toshiba dynadock USB Port Replicator (with DVI support)

Power

Part Number	Description
PA2521U-3ACA	Toshiba 90W Global AC Adapter, RoHS
PA3480U-1BRS	Toshiba Primary Li ION Battery Pack (9 cell-6000mAh), RoHS

Security & Protection

Part Number	Description
PA410U	Targus DEFCON CL Cable Lock

Storage

Part Number	Description
PA1411U-1M1G	Toshiba 1GB USB Hi-Speed Flash Drive
PA3109U-3FDD	Toshiba USB Floppy Disk Drive Kit, ROHS

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Wireless/Bluetooth

Part Number	Description
PA1380U-1ETC	Toshiba Wireless Travel Mouse with Bluetooth Technology
PA3455U-1BTM	Toshiba USB Adapter with Bluetooth 2.0+EDR

Subject to Change

While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice. For the most up-to-date product information about your computer, or to stay current with the various computer software or hardware options, visit Toshiba's Web site at http://www.pcsupport.toshiba.com

Return Policy

Notwithstanding anything to the contrary in any third party License Agreement or product documentation supplied with your PC, Toshiba America Information Systems, Inc. ("TAIS") does not accept the return of component parts, or bundled software, that have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

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Irvine CA 92618
ToshibaDirect website: http://www.toshibadirect.com
TAIS website for resellers: http://sell.toshiba.com
TAIS PC Support website: http://pcsupport.toshiba.com

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[C1] ***64-bit computing:***

64-bit computing requires that the following hardware and software requirements are met:

- 64-bit Operating System
- 64-bit CPU, Chipset and BIOS (Basic Input/Output System)
- 64-bit Device drivers
- 64-bit applications

Certain device drivers and/or applications may not be compatible with a 64-bit CPU and therefore may not function properly. A 32-bit version of the operating system is preinstalled on your computer unless explicitly stated that the operating system is 64-bit. See "Detailed Specs" for more information.

[1] **Product Series Legal Footnote**. The product specifications and configuration information are designed for a product Series. Your particular model may not have all the features and specifications listed or illustrated. For more detailed information about the features and specifications on your particular model, please visit Toshiba's Web site at pcsupport.toshiba.com.

Product Offering Legal Footnote. Toshiba America Information Systems, Inc. reserves the right to modify or withdraw this offer at anytime without notice.

[2] **Operating System**. Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply).

Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.

Offers. Offer terms, duration and product availability all subject to change without notice

[3] **Processor (Central Processing Unit)**.
CPU performance in your computer product may vary from specifications under the following conditions:

1. use of certain external peripheral products
2. use of battery power instead of AC power
3. use of certain multimedia, computer generated graphics or video applications
4. use of standard telephone lines or low speed network connections
5. use of complex modeling software, such as high end computer aided design applications
6. use of several applications or functionalities simultaneously
7. use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)

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8. use of computer at temperatures outside the range of 5°C to 30°C (41°F to 86° F) or >25°C (77°F) at high altitude (all temperature references are approximate and may vary depending on the specific computer model – please visit the Toshiba website at www.pcsupport.toshiba.com for details).

CPU performance may also vary from specifications due to design configuration.

Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. Use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product "Detailed Specs." Contact Toshiba Technical Service and Support for more information.

[4] ***Core™ 2 Duo Processor***
Intel® Dual Core Technology is a new technology designed to deliver improved performance to the notebook PC. Performance or compatibility may vary. For more information on Intel's Core 2 Duo processors, visit: http://www.intel.com/core2duo/
See 64-Bit Computing Legal Footnote, if applicable.

[5] **Memory (Main System)**. Part of the main system memory may be used by the graphics system for graphics performance and therefore reduce the amount of main system memory available for other computing activities. The amount of main system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors. For PC's configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration.

[6] **Hard Disk Drive (HDD) Capacity**.
1 Gigabyte (GB) means 10^9 = 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 2^{30} = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the product includes one or more pre-installed operating systems, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

[7] **Optical Drive**. Due to manufacturing and quality variations in third party optical media (e.g., CD or DVD) or optical media players/recorders, in certain cases, your Toshiba optical drive may not record on certain optical media that bear the applicable logo, or playback optical media recorded by other PCs or optical media recorders. Additionally, certain optical media recorded on your optical drive may not playback or operate properly on other PCs or optical media players. These problems are not due to any defect in your Toshiba PC or optical drive. Please refer to your PC's product specification for listing of specific format compatibilities.

Recording or viewing of certain optical media may be limited or prevented in accordance with applicable copy protection standards.

[8] **Display**. Small bright dots may appear on your screen display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. Over a period of time, and depending on the usage of the computer, the brightness of the screen will deteriorate. This is also an intrinsic characteristic of the screen technology.
When the computer is operated on battery power, the screen with dim and you may not be able to increase the brightness of the screen while on battery power.

[9] **Graphics (Graphics Processing Unit)**.
GPU performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode.

[10] **Modem Speed**. Due to FCC limitations, speeds of 53 kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.

[11] **Wireless**. Wireless connectivity and some features may require you to purchase additional software, external hardware or services. Availability of public wireless LAN access points may be limited. The transmission speed over the wireless LAN and the distance over which wireless LAN can reach may vary depending on surrounding electromagnetic environment, obstacles, access point design and configuration, and client design and software/hardware configurations. The actual transmission speed will be lower than the theoretical maximum speed. To use the Atheros SuperAG™ or SuperG™ wireless function, if available, your client and access point must support the corresponding feature. Performance of these functions may vary depending on the format of data transmitted.

[12] **Weight**. Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.

[13] **Battery Life**. Battery life may vary considerably from specifications depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. See "Detailed Specs" for specific battery measurement test. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba web site at www.accessories.toshiba.com.

[14] **Software**. Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.

Certain Microsoft® software products (including Microsoft Office Small Business Accounting if applicable) included with this computer may use technological measure
SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Produ
and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software products or reconfigurations of the com
completed by Internet or telephone (toll charges may apply).

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Internet access is required to enable certain functionality of certain Microsoft products which may be included with this computer.

The Microsoft Office 2007 60-Day Trial software (if applicable) is intended for evaluation purposes only. You must activate the software before you can use it. Produc will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which operate under reduced-functionality mode, limiting end-user options and operations. The Microsoft Office 2007 60-Day Trial software is distributed without charge to t but if the End User wants to continue to use such product after the trial period, then the End User Customer will have to pay a fee for the perpetual version of such Of

For systems with Microsoft Money Essentials 2007 installed, note that some online services for Microsoft® Money 2007 and Microsoft® Money 2007 Essentials will ex years after your activation of the software or September 1, 2009. Also, you may need to get some online services separately from your financial institution, which may online services policy at http://money.msn.com/Money/2007/OSP.asp.

[15] **Temperature (Environmental) Conditions**. All temperature references are approximate and the performance of your computer may vary from specifications even when operating within the recommended temperature range.

[16] **RoHS.** This notebook is compatible with European Union Directive 2002/95/EC, Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS), which restricts use of lead, cadmium, mercury, hexavalent chromium, PBB, and PBDE. Toshiba requires its notebook component suppliers to meet RoHS requirements and verifies its suppliers' commitment to meeting RoHS requirements by conducting component sampling inspections during the product design approval process.

[17] **Warranty:** The terms and conditions of Toshiba's standard limited warranty are available at www.warranty.toshiba.com.

[18] **Service Plans**: The terms and conditions of service upgrade and extension plans offered by Toshiba are available at www.pcsupport.toshiba.com.

[19] **Service Plans**: The terms and conditions of service upgrade and extension plans offered by Toshiba are available at www.pcsupport.toshiba.com.

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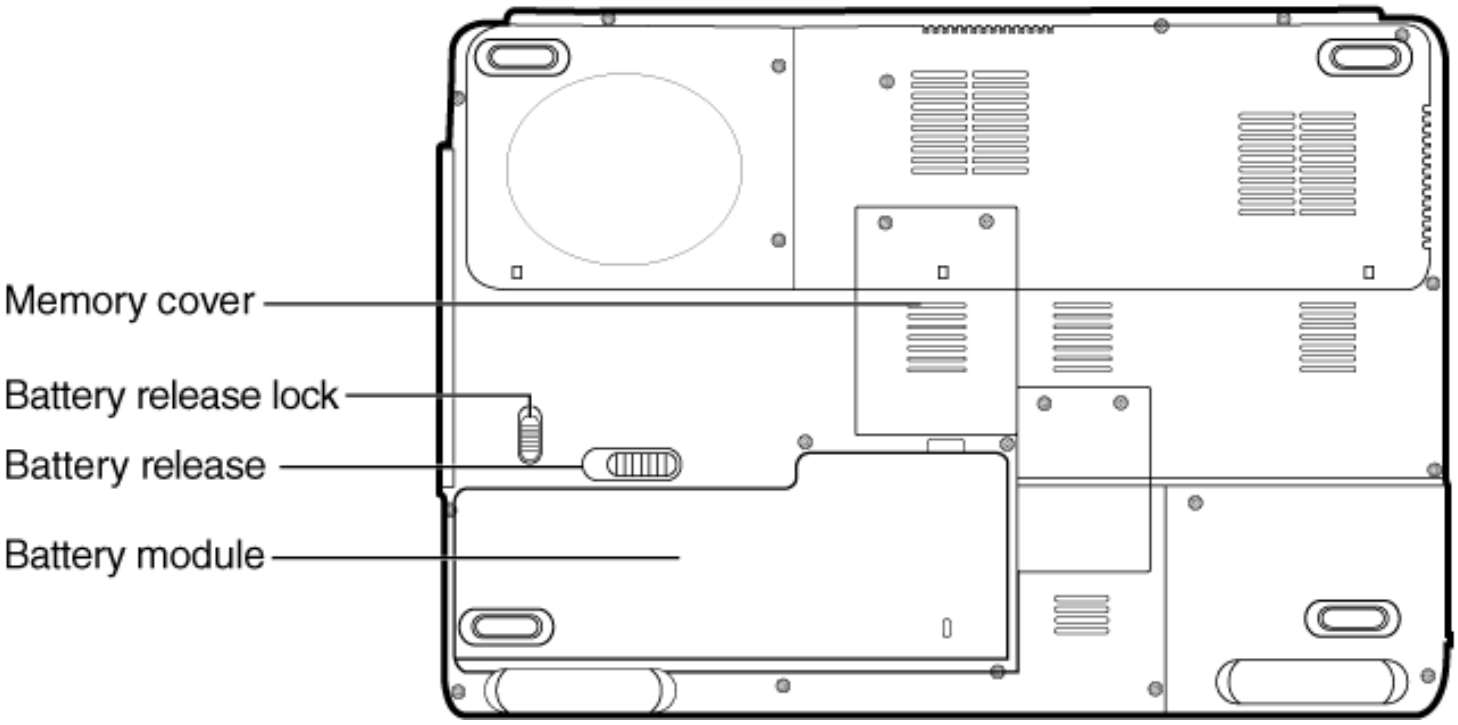
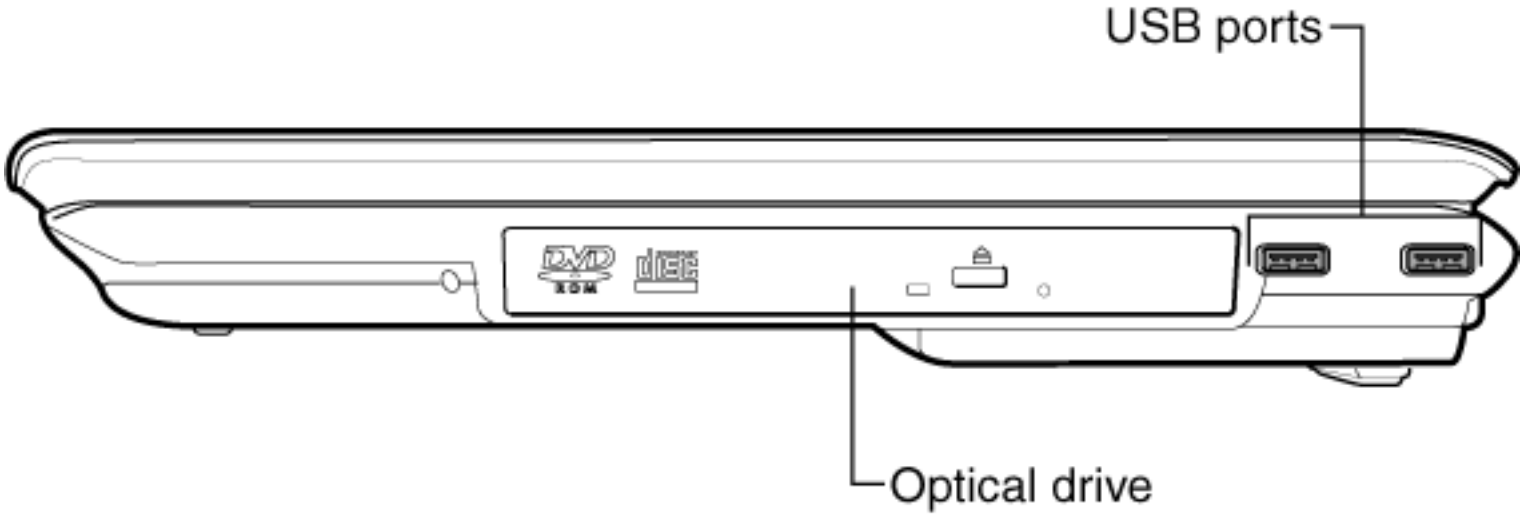
Underside


Memory cover
Battery release lock
Battery release
Battery module

Right side



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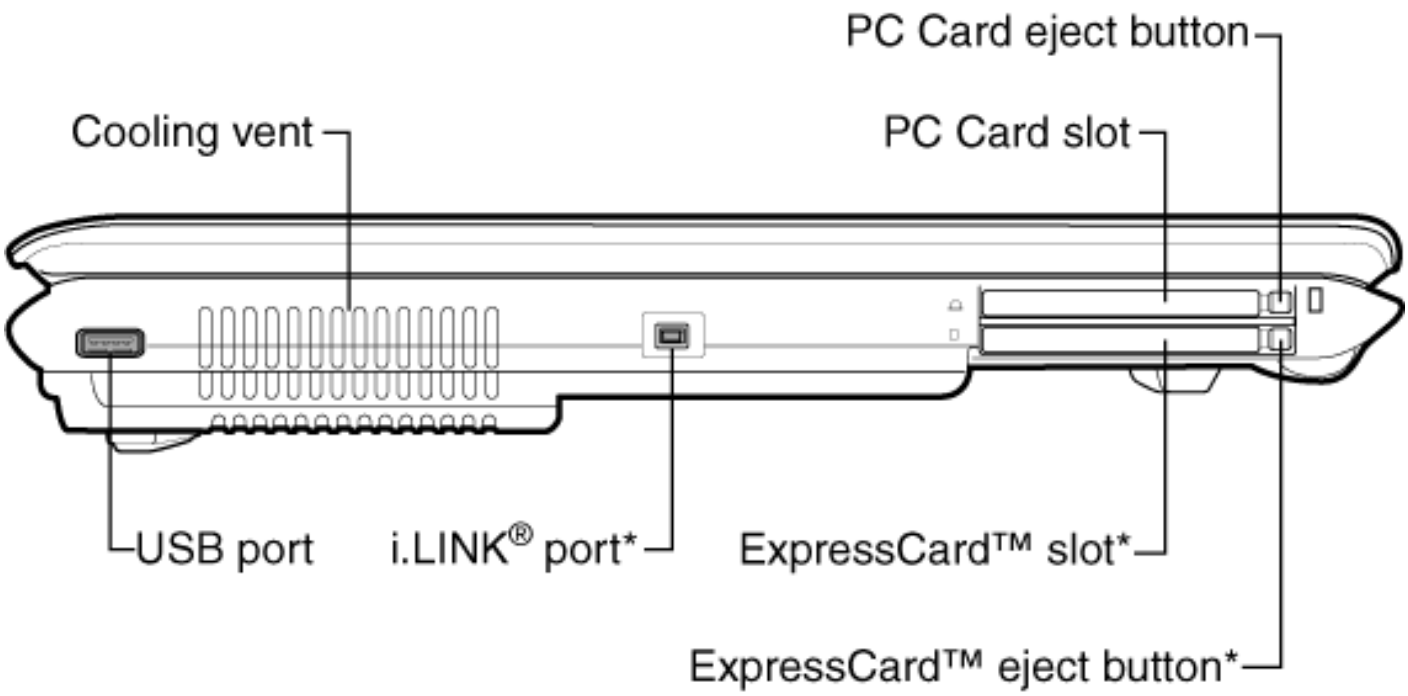
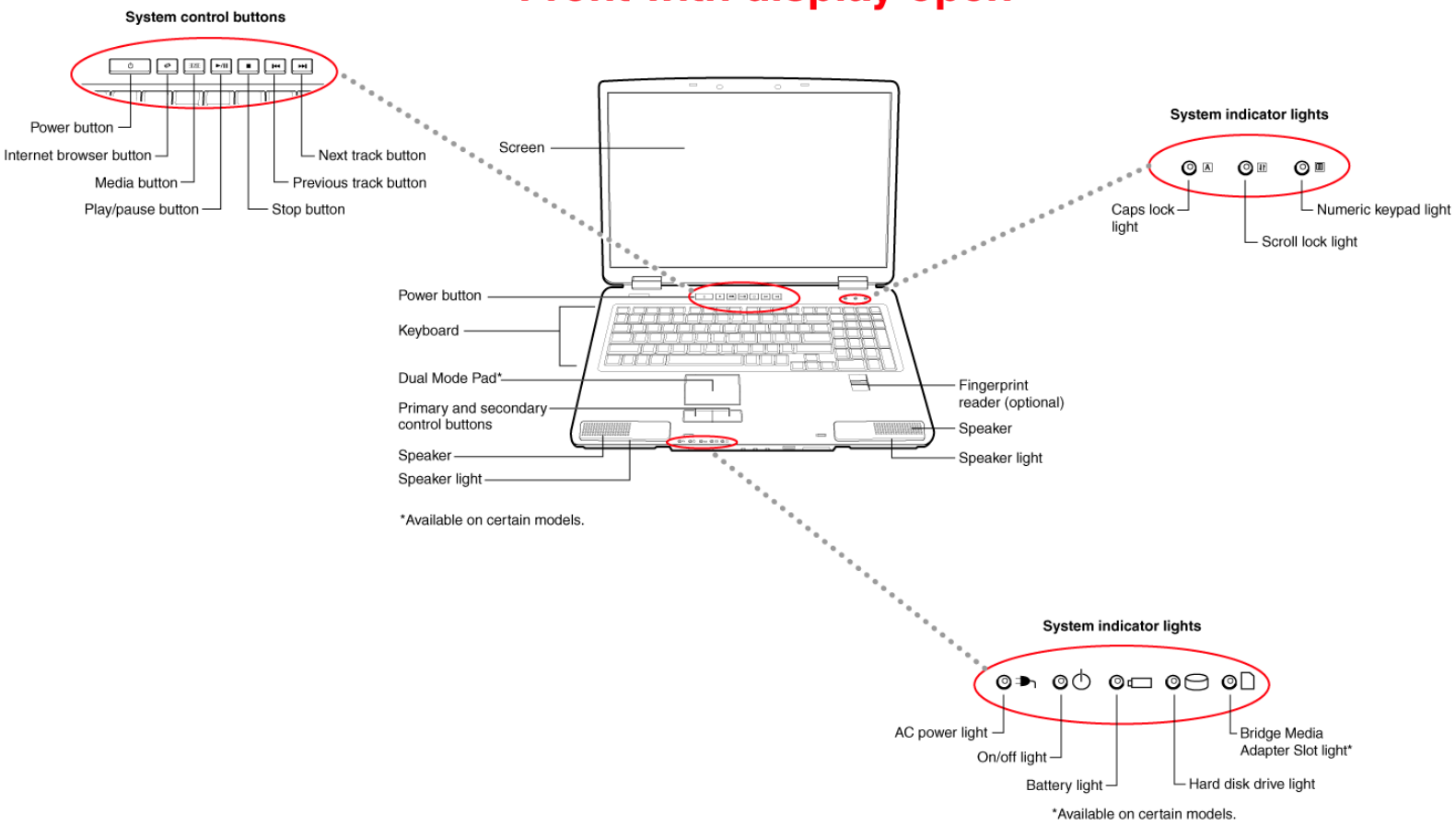
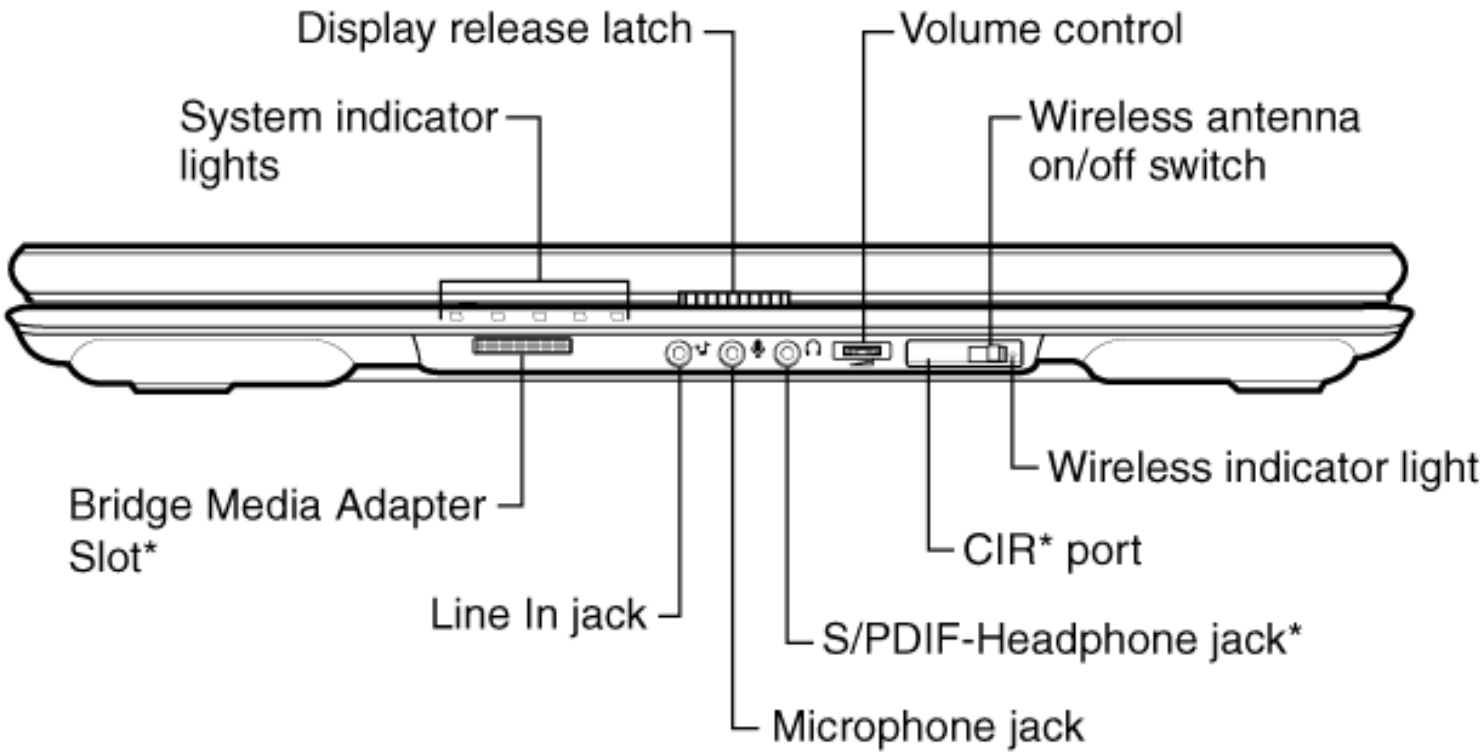


*Available on certain models.

Front with display open

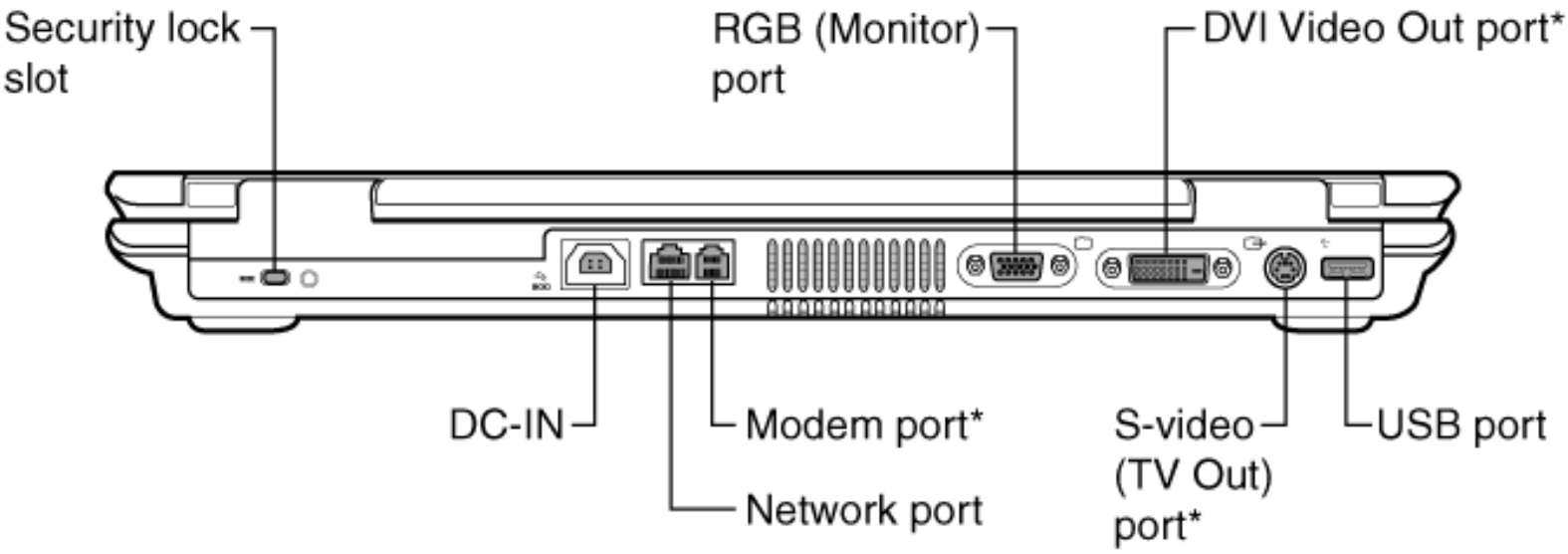


Front with display closed



*Available on certain models.

Back



*Available on certain models.